

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	4229	((primary first) and (second\$3 auxillary)) with preamble	US-PGPUB; USPAT; DERWENT	OR	ON	2009/04/24 15:12
L2	3624	((primary first) with preamble) same ((second\$3 auxillary) with preamble)	US-PGPUB; USPAT; DERWENT	OR	ON	2009/04/24 15:13
L3	1835	((primary first) with preamble) same (sequence time frequency symbol) same ((second\$3 auxillary) with preamble)	US-PGPUB; USPAT; DERWENT	OR	ON	2009/04/24 15:14
L4	1835	((primary first) with preamble) same (sequence time frequency symbol)) same ((second\$3 auxillary) with preamble)	US-PGPUB; USPAT; DERWENT	OR	ON	2009/04/24 15:15
L5	1376	((primary first) with preamble) with (sequence time frequency symbol)) same ((second\$3 auxillary) with preamble)	US-PGPUB; USPAT; DERWENT	OR	ON	2009/04/24 15:15
L6	0	((primary first) with preamble) with (sequence time frequency symbol) with core) same ((second\$3 auxillary) with preamble) with side\$band)	US-PGPUB; USPAT; DERWENT	OR	ON	2009/04/24 15:17
L7	1	((primary first) with preamble) with (sequence time frequency symbol) with core) same ((second\$3 auxillary) with preamble)	US-PGPUB; USPAT; DERWENT	OR	ON	2009/04/24 15:17

L8	404	((primary first) with preamble) with (sequence time frequency symbol) with (core\$band control channel)) same ((second\$3 auxillary) with preamble)	US-PGPUB; USPAT; DERWENT	OR	ON	2009/04/24 15:18
L9	187696	"370".clas. "375".clas.	US-PGPUB; USPAT; DERWENT	OR	ON	2009/04/24 15:19
L10	292	L9 and 8	US-PGPUB; USPAT; DERWENT	OR	ON	2009/04/24 15:19
L11	193	10 and @ay< "2005"	US-PGPUB; USPAT; DERWENT	OR	ON	2009/04/24 15:19
L12	842	(primary first second\$3 auxillary) adj preamble	US-PGPUB; USPAT; DERWENT	OR	ON	2009/04/24 15:37
L13	88136	"center frequency" "core band" core\$band "control channel"	US-PGPUB; USPAT; DERWENT	OR	ON	2009/04/24 15:38
L14	3	12 with 13	US-PGPUB; USPAT; DERWENT	OR	ON	2009/04/24 15:38
L15	167533	"center frequency" "core band" core\$band "control channel" lobe side\$1lobe\$1	US-PGPUB; USPAT; DERWENT	OR	ON	2009/04/24 15:40
L16	3	12 with 15	US-PGPUB; USPAT; DERWENT	OR	ON	2009/04/24 15:41
L17	13937	("center frequency" "core band" core\$band "control channel" lobe side\$1lobe\$1) with shap\$3	US-PGPUB; USPAT; DERWENT	OR	ON	2009/04/24 15:41
L18	2	12 and 17	US-PGPUB; USPAT; DERWENT	OR	ON	2009/04/24 15:41
L19	88136	("center frequency" "core band" core\$band "control channel")	US-PGPUB; USPAT; DERWENT	OR	ON	2009/04/24 15:43
L20	532	19 with preamble	US-PGPUB; USPAT; DERWENT	OR	ON	2009/04/24 15:43
L21	353	9 and 20	US-PGPUB; USPAT; DERWENT	OR	ON	2009/04/24 15:43

L22	217	21 and @ay<"2005"	US-PGPUB; USPAT; DERWENT	OR	ON	2009/04/24 15:43
L23	86	19 with (preamble with center)	US-PGPUB; USPAT; DERWENT	OR	ON	2009/04/24 15:44
L24	61	23 and @ay<"2005"	US-PGPUB; USPAT; DERWENT	OR	ON	2009/04/24 15:45
L25	0	auxillary adj preamble	US-PGPUB; USPAT; DERWENT	OR	ON	2009/04/24 15:57
L26	505	(second secondary) adj preamble	US-PGPUB; USPAT; DERWENT	OR	ON	2009/04/24 15:58
L27	312	9 and 26	US-PGPUB; USPAT; DERWENT	OR	ON	2009/04/24 15:58
L28	148	26 and ofdm	US-PGPUB; USPAT; DERWENT	OR	ON	2009/04/24 15:58
L29	124	9 and 28	US-PGPUB; USPAT; DERWENT	OR	ON	2009/04/24 15:58
L30	64	29 and @ay<"2005"	US-PGPUB; USPAT; DERWENT	OR	ON	2009/04/24 15:58
L31	2	"4621365".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2009/04/24 16:13
L32	3	"7106814".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2009/04/24 16:16
L33	1	11/322369.app.	US-PGPUB; USPAT; DERWENT	OR	ON	2009/04/24 17:36
L34	0	neocific.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2009/04/24 18:03
L35	21	neocific.as.	US-PGPUB; USPAT; DERWENT	OR	ON	2009/04/24 18:03
L36	12	neocific.as. and (variable bandwidth band subcarrier preamble range)	US-PGPUB; USPAT; DERWENT	OR	ON	2009/04/24 18:04
L37	1198	neocific.as. and (variable bandwidth band subcarrier preamble range)".clm"	US-PGPUB; USPAT; DERWENT	OR	ON	2009/04/24 18:04

L38	6	neocific.as. and (variable bandwidth band subcarrier preamble range).clm.	US-PGPUB; USPAT; DERWENT	OR	ON	2009/04/24 18:04
L39	139	li-xiaodong.in. lo-titus. in. li-kemin.in. huang- haiming.in. and (variable bandwidth band subcarrier preamble range).clm.	US-PGPUB; USPAT; DERWENT	OR	ON	2009/04/24 18:06
L40	139	li-xiaodong.in. lo-titus. in. li-kemin.in. huang- haiming.in. and (variable bandwidth band subcarrier preamble range correlation).clm.	US-PGPUB; USPAT; DERWENT	OR	ON	2009/04/24 18:06
L41	139	li-xiaodong.in. lo-titus. in. li-kemin.in. huang- haiming.in. and (variable adj bandwidth band subcarrier preamble range correlation).clm.	US-PGPUB; USPAT; DERWENT	OR	ON	2009/04/24 18:06
L42	139	li-xiaodong.in. lo-titus. in. li-kemin.in. huang- haiming.in. and (variable adj bandwidth subcarrier primary adj preamble range correlation).clm.	US-PGPUB; USPAT; DERWENT	OR	ON	2009/04/24 18:07
L43	36	(li-xiaodong.in. lo-titus. in. li-kemin.in. huang- haiming.in.) and (variable adj bandwidth subcarrier primary adj preamble range correlation).clm.	US-PGPUB; USPAT; DERWENT	OR	ON	2009/04/24 18:07
L44	1518	370/203,210.ccls.	US-PGPUB; USPAT; DERWENT	OR	ON	2009/04/24 18:13
L45	0	44 and (variable adj bandwidth) and sid adj aband and ofdm and FM	US-PGPUB; USPAT; DERWENT	OR	ON	2009/04/24 18:14
L46	0	44 and sid adj aband and ofdm and FM	US-PGPUB; USPAT; DERWENT	OR	ON	2009/04/24 18:14
L47	0	44 and side adj aband and ofdm and FM	US-PGPUB; USPAT; DERWENT	OR	ON	2009/04/24 18:14

L48	0	side adj aband and ofdm and FM	US-PGPUB; USPAT; DERWENT	OR	ON	2009/04/24 18:14
L49	77	side adj band and ofdm and FM	US-PGPUB; USPAT; DERWENT	OR	ON	2009/04/24 18:14
L50	0	44 and 49	US-PGPUB; USPAT; DERWENT	OR	ON	2009/04/24 18:14
L51	10	44 and (variable adj band\$wi\$th)	US-PGPUB; USPAT; DERWENT	OR	ON	2009/04/24 18:14
L52	1	51 and \$lobe	US-PGPUB; USPAT; DERWENT	OR	ON	2009/04/24 18:15
S1	865311	core band same frequenc\$3	US-PGPUB; USPAT	OR	ON	2009/04/20 13:02
S2	45	core adj band same frequenc\$3	US-PGPUB; USPAT	OR	ON	2009/04/20 13:02
S3	275	core near2 band same frequenc\$3	US-PGPUB; USPAT	OR	ON	2009/04/20 13:02
S4	24	core near2 band same frequenc\$3 same bandwi\$th	US-PGPUB; USPAT	OR	ON	2009/04/20 14:35
S5	1971532	core near2 band same frequenc\$3 same bandwi\$th same operat \$3 center	US-PGPUB; USPAT	OR	ON	2009/04/20 14:44
S6	1	core near2 band same frequenc\$3 same bandwi\$th same operat \$3 same center	US-PGPUB; USPAT	OR	ON	2009/04/20 14:44
S7	4	core near2 band same frequenc\$3 with center	US-PGPUB; USPAT	OR	ON	2009/04/20 14:44
S8	2047	core near2 band	US-PGPUB; USPAT	OR	ON	2009/04/20 14:45
S9	42	core near2 band same (time same frequenc \$3)	US-PGPUB; USPAT	OR	ON	2009/04/20 14:45
S10	49	core near2 band same control same frequency	US-PGPUB; USPAT	OR	ON	2009/04/20 14:54
S11	41	S10 not S9	US-PGPUB; USPAT	OR	ON	2009/04/20 14:55
S12	255	variable near2 bandwi \$th same (time and frequency)	US-PGPUB; USPAT	OR	ON	2009/04/20 15:00

S13	5	variable near2 bandwi \$th same (time and frequency) same (sub \$carrier sub\$channel)	US-PGPUB; USPAT	OR	ON	2009/04/20 15:00
S14	1	"6175550".pn.	US-PGPUB; USPAT	OR	ON	2009/04/23 10:20
S15	4399	ofdm same fft	US-PGPUB; USPAT	OR	ON	2009/04/23 10:21
S16	28	ofdm same (fft ifft) same ("same" near2 (band\$wi\$th rate))	US-PGPUB; USPAT	OR	ON	2009/04/23 10:22
S17	25	ofdm same (fft ifft) same (("same" near1 (band\$wi\$th rate)) (rate near2 control))	US-PGPUB; USPAT	OR	ON	2009/04/23 10:59
S18	21836	(core\$band wide\$band center\$band) same frequency	US-PGPUB; USPAT	OR	ON	2009/04/23 14:26
S19	3117	S18 and ofdm	US-PGPUB; USPAT	OR	ON	2009/04/23 14:26
S20	23667	(core\$band wide\$band center\$band) same ((sampl\$3 center) frequency)	US-PGPUB; USPAT	OR	ON	2009/04/23 14:27
S21	476	(core\$band wide\$band center\$band) same ((sampl\$3 center) frequency) same fft	US-PGPUB; USPAT	OR	ON	2009/04/23 14:27
S22	60482	(core\$band wide\$band center\$band) same ((sampl\$3 center) frequency) same fft same2 (sub\$carrier sub \$channel) (time with symbol)	US-PGPUB; USPAT	OR	ON	2009/04/23 14:27
S23	20	(core\$band wide\$band center\$band) same ((sampl\$3 center) frequency) same fft same2 (sub\$carrier sub \$channel) same2 (time with symbol)	US-PGPUB; USPAT	OR	ON	2009/04/23 14:28
S24	1	"5914933".pn.	US-PGPUB; USPAT	OR	ON	2009/04/23 14:42
S25	70	(core\$band wide\$band center\$band) same ((sampl\$3 center) frequency) same (control with signal\$4) same2 fft	US-PGPUB; USPAT	OR	ON	2009/04/23 14:44

S26	0	size with core\$band	US-PGPUB; USPAT	OR	ON	2009/04/23 14:59
S27	1	(wide width) with core \$band	US-PGPUB; USPAT	OR	ON	2009/04/23 14:59
S28	2	((control operation) with signal\$4) and core \$band	US-PGPUB; USPAT	OR	ON	2009/04/23 15:00
S29	1289569	((control operation) with signal\$4)	US-PGPUB; USPAT	OR	ON	2009/04/23 15:01
S30	254160	((control operation) with signal\$4) same (frequency ofdm)	US-PGPUB; USPAT	OR	ON	2009/04/23 15:01
S31	205	((control operation) with signal\$4) same (center near2 frequency) same2 ofdm	US-PGPUB; USPAT	OR	ON	2009/04/23 15:02
S32	6	((control operation) with signal\$4) same (center near2 frequency) same (core \$band wide\$band) same2 ofdm	US-PGPUB; USPAT	OR	ON	2009/04/23 15:19
S33	8	((control operation) with signal\$4) same (center near2 frequency) same (core \$band wide\$band "control channel") same2 ofdm	US-PGPUB; USPAT	OR	ON	2009/04/23 15:36
S34	1	"wo 03088539"	US-PGPUB; USPAT; DERWENT	OR	ON	2009/04/23 15:55
S35	80	small\$3 with ((operat \$3 data) adj channel) with band\$wi\$th	US-PGPUB; USPAT; DERWENT	OR	ON	2009/04/23 16:28
S36	15	small\$3 with ((operat \$3 data) adj channel) with band\$wi\$th with control\$4	US-PGPUB; USPAT; DERWENT	OR	ON	2009/04/23 16:30
S37	4	"6175550".pn. "7372909".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2009/04/23 16:45
S38	0	S37 and pre\$amble	US-PGPUB; USPAT; DERWENT	OR	ON	2009/04/23 16:45
S39	8148	pre\$amble with (correlat\$3 near2 peak) with2 side\$lobe\$	US-PGPUB; USPAT; DERWENT	OR	ON	2009/04/23 16:46

S40	298	pre\$amble with (correlat\$3 near2 peak) with2 side\$lobe\$ with co\$efficient	US-PGPUB; USPAT; DERWENT	OR	ON	2009/04/23 16:47
S41	128	(primary adj pre \$amble) with (correlat \$3 near2 peak) with2 side\$lobe\$ with co \$efficient	US-PGPUB; USPAT; DERWENT	OR	ON	2009/04/23 16:48
S42	171102	"370".clas. "379".clas.	US-PGPUB; USPAT; DERWENT	OR	ON	2009/04/23 16:48
S43	67	S42 and S40	US-PGPUB; USPAT; DERWENT	OR	ON	2009/04/23 16:49
S44	5	pre\$amble with (correlat\$3 near2 peak) with side\$lobe\$	US-PGPUB; USPAT; DERWENT	OR	ON	2009/04/23 16:51
S45	0	(primary adj pre \$amble) with (correlat \$3 near2 peak) with side\$lobe\$ with co \$efficient	US-PGPUB; USPAT; DERWENT	OR	ON	2009/04/23 16:55
S46	38988	pre\$amble with (correlat\$3 near2 peak) with side\$lobe\$ with cross-correlat\$3 co \$efficient with ratio	US-PGPUB; USPAT; DERWENT	OR	ON	2009/04/23 16:56
S47	187696	"370".clas. "375".clas.	US-PGPUB; USPAT; DERWENT	OR	ON	2009/04/23 16:56
S48	1335	S46 and S47	US-PGPUB; USPAT; DERWENT	OR	ON	2009/04/23 16:56
S49	25	S48 and (small near ratio)	US-PGPUB; USPAT; DERWENT	OR	ON	2009/04/23 16:57
S50	0	pre\$amble with (correlat\$3 near2 peak) with side\$lobe\$ with cross-correlat\$3 with co\$efficient with ratio	US-PGPUB; USPAT; DERWENT	OR	ON	2009/04/23 16:58
S51	0	pre\$amble with (correlat\$3 near2 peak) with side\$lobe\$ with cross-correlat\$3 with co\$efficient	US-PGPUB; USPAT; DERWENT	OR	ON	2009/04/23 16:58



S52	0	pre\$amble with (correlat\$3 near2 peak) with side\$lobe\$ with cross\$correlat\$3 with co\$efficient	US-PGPUB; USPAT; DERWENT	OR	ON	2009/04/23 16:58
S53	4	pre\$amble with (correlat\$3 near2 peak) with side\$lobe\$ with cross\$correlat\$3	US-PGPUB; USPAT; DERWENT	OR	ON	2009/04/23 16:58
S54	18	primary adj pre\$amble	US-PGPUB; USPAT; DERWENT	OR	ON	2009/04/23 16:59
S55	3	((primary first) adj pre \$amble) with (pn pseudo\$noise)	US-PGPUB; USPAT; DERWENT	OR	ON	2009/04/23 17:04
S56	1530	(control adj (channel frequenc\$3)) with bandwidth	US-PGPUB; USPAT; DERWENT	OR	ON	2009/04/23 17:53
S57	18	(control adj (channel frequenc\$3)) with bandwidth with ofdm	US-PGPUB; USPAT; DERWENT	OR	ON	2009/04/23 17:54
S58	8	(control adj (channel frequenc\$3)) with bandwidth with fundamental	US-PGPUB; USPAT; DERWENT	OR	ON	2009/04/23 17:56
S59	5	(control adj (channel)) with bandwidth with fundamental	US-PGPUB; USPAT; DERWENT	OR	ON	2009/04/23 17:58
S60	9	(control adj (channel)) same bandwidth with fundamental	US-PGPUB; USPAT; DERWENT	OR	ON	2009/04/23 17:58
S61	1	10/583534.app.	US-PGPUB; USPAT; DERWENT	OR	ON	2009/04/23 18:00
S62	3771072	fundamental (range band\$wi\$th)	US-PGPUB; USPAT; DERWENT	OR	ON	2009/04/23 18:06
S63	120303	S47 and (fundamental (range band\$wi\$th))	US-PGPUB; USPAT; DERWENT	OR	ON	2009/04/23 18:06
S64	17954	(samlp\$3 with frequency) with (fundamental (range band\$wi\$th))	US-PGPUB; USPAT; DERWENT	OR	ON	2009/04/23 18:07
S65	6	(samlp\$3 with frequency) with (fundamental adj (range band\$wi\$th))	US-PGPUB; USPAT; DERWENT	OR	ON	2009/04/23 18:07

S66	130	fundamental adj (range band\$wi\$th)	US-PGPUB; USPAT; DERWENT	OR	ON	2009/04/23 18:07
S67	89	fundamental adj (range band\$wi\$th) and @ay<"2005"	US-PGPUB; USPAT; DERWENT	OR	ON	2009/04/23 18:09
S68	1	(fundamental adj range) with (sampl\$3 adj frequenc\$3)	US-PGPUB; USPAT; DERWENT	OR	ON	2009/04/23 18:13
S69	1	(fundamental adj range) same (sampl\$3 adj frequenc\$3)	US-PGPUB; USPAT; DERWENT	OR	ON	2009/04/23 18:13
S70	2	(fundamental adj range) with band\$wi \$th	US-PGPUB; USPAT; DERWENT	OR	ON	2009/04/23 18:13
S71	11	(fundamental adj range) same band\$wi \$th	US-PGPUB; USPAT; DERWENT	OR	ON	2009/04/23 18:14
S72	35	(fundamental adj range) same frequency	US-PGPUB; USPAT; DERWENT	OR	ON	2009/04/23 18:17
S73	3	S47 and S72	US-PGPUB; USPAT; DERWENT	OR	ON	2009/04/23 18:17
S74	0	2005/0201476.pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2009/04/23 18:23
S75	2	"20050201476".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2009/04/23 18:23
S76	4	"2005010314".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2009/04/23 18:26
S77	490	operat\$3 near2 channel near2 band \$1wi\$1th	US-PGPUB; USPAT; DERWENT	OR	ON	2009/04/24 11:08
S78	1	(operat\$3 near2 channel near2 band \$1wi\$1th) same (center near2 frequency) same map \$4	US-PGPUB; USPAT; DERWENT	OR	ON	2009/04/24 11:09
S79	4	(operat\$3 near2 channel near2 band \$1wi\$1th) and(center near2 frequency) same map\$4	US-PGPUB; USPAT; DERWENT	OR	ON	2009/04/24 11:09

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**Channel BW.wsp**